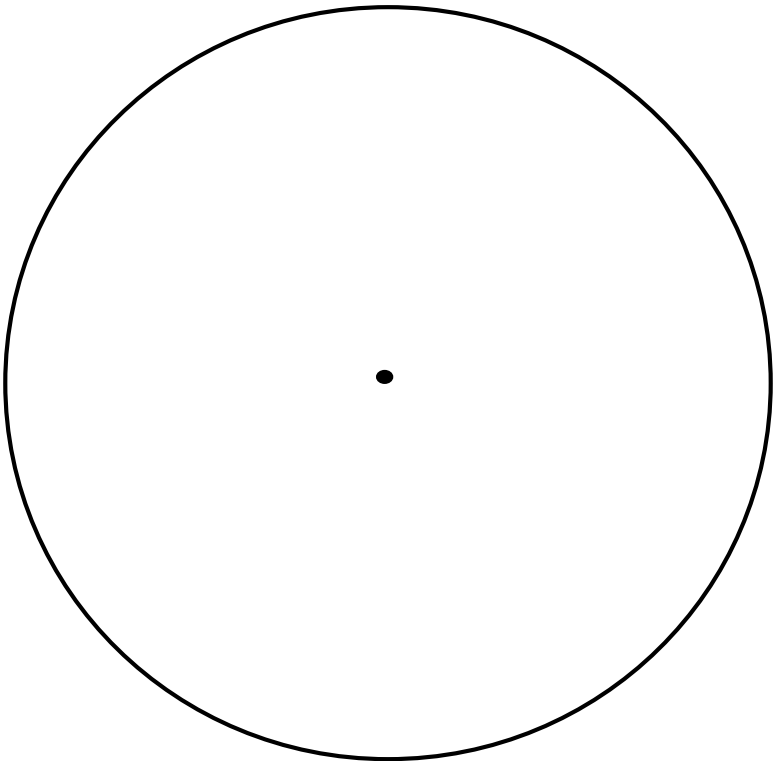


Mrs. Bachofen polled her STAR students about what type of ice cream they had at Babcock Hall’s dairy house. The results are shown in the table below.

Complete the table and make a circle graph to display the information.

Ice Cream Flavor	Number	Percent	Degrees	Degrees Rounded to the Nearest Whole Degree
Mint Chip	2			
Cotton Candy	3			
Strawberry	5			
Blue Moon	6			
Union Utopia	4			



Percents, Proportions, and Circle Graphs

Solve the following.

- 1) What is 15% of 310?

- 2) 11 is 23% of what number?

- 3) 17 is what percent of 50?

- 4) 35% of the students earned a B+ in math class. There are 104 students in the Red House. How many students earned a B+?

- 5) There are 360° in a circle. How many degrees would be 46% of the circle?

- 6) 23 out of 29 students in 3rd hour agree that math is the most important subject. What percent of the class feels this way?

- 7) Using the protractor, Ellie found that the angle measured 103° . What percent of the circle is this?

- 8) 67% of the 8th grade orders pizza on Domino's Tuesdays. If there are 348 8th graders, how many students order pizza?

- 9) Hailey was "sick" 13 days out of 45 days. What percent of school days has she missed?

- 10) CHALLENGE TIME!
5 students did not sign up to attend the Weather Day field trip. If there are 112 students in the Red House, what percent of students DID attend the field trip?